

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: June 6, 2001, 18:45:14 ; Search time 87.67 seconds
(without alignments)
4528.875 Million cell updates/sec

Title: US-09-494-297-1

Perfect score: 2274

Sequence: 1 atgaaatacaagatttc.....ggataagaacaatgactag 2274

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 302621 seqs, 87301344 residues

Total number of hits satisfying chosen parameters: 605242

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA: *
1: /cgml_7/ptodata/1/ina/5A.COMB.seq:*
2: /cgml_7/ptodata/1/ina/5B.COMB.seq:*
3: /cgml_7/ptodata/1/ina/6A.COMB.seq:*
4: /cgml_7/ptodata/1/ina/6B.COMB.seq:*
5: /cgml_7/ptodata/1/ina/PCUS.COMB.seq:*
6: /cgml_7/ptodata/1/ina/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	53.4	2.3	7218	1	US-08-232-463-14
2	49.6	2.2	3095	6	5231168-1
3	48.2	2.1	876	4	US-08-446-137B-3
4	48.2	2.1	3279	4	US-08-446-137B-1
5	46.4	2.0	5361	4	US-08-973-462-1
6	46.4	2.0	6152	4	US-08-973-462-2
7	44.8	2.0	3308	3	US-08-714-918-68
8	44.8	2.0	3308	4	US-09-265-315-68
9	44.8	2.0	3308	4	US-09-265-315-68
10	44.6	2.0	19124	2	US-08-487-826B-13
11	42.4	1.9	429	1	US-07-710-361-6
12	42.4	1.9	1055	1	US-08-702-344-18
13	42.4	1.9	1405	1	US-07-710-361-3
14	42.4	1.9	2210	1	US-07-710-361-2
15	41.8	1.8	4507	2	US-08-568-459A-3
16	41.8	1.8	4507	2	US-08-487-826B-3
17	41.6	1.8	2223	1	US-08-257-073-4
18	41.4	1.8	2814	1	US-07-781-034-1
19	41.4	1.8	2814	5	PCR-US92-08328-1
20	41.1	1.8	921	2	US-08-795-475-2
21	41.1	1.8	1089	2	US-09-076-193-2
22	41.1	1.8	1089	2	US-09-076-193-4
23	41.1	1.8	1308	2	US-08-795-475-4
24	40.8	1.8	2849	2	US-08-484-575A-5
25	40.8	1.8	2849	3	US-08-477-455-5
26	40.8	1.8	2849	4	US-08-479-869-5
27	40.8	1.8	2849	4	US-08-486-414-5

28	40.8	1.8	2849	5	PCT-US94-01826A-5	Sequence 5, Appl
29	40.8	1.8	2849	5	PCT-US94-02252A-5	Sequence 5, Appl
30	40.8	1.8	5181	1	US-08-257-073-10	Sequence 10, Appl
31	40.4	1.8	6152	4	US-08-973-462-1	Sequence 1, Appl
32	40.2	1.8	9636	2	US-08-323-170B-1	Sequence 1, Appl
33	40.2	1.8	8920	2	US-08-446-855A-1	Sequence 1, Appl
34	40	1.8	8920	4	US-09-150-741-1	Sequence 1, Appl
35	39.8	1.8	4673	1	US-07-638-431-1	Sequence 1, Appl
36	39.8	1.8	4673	5	PCT-US92-00018-1	Sequence 1, Appl
37	39.2	1.7	10592	1	US-08-680-726A-51	Sequence 51, Appl
38	39.2	1.7	10592	1	US-08-680-726A-52	Sequence 52, Appl
39	39.2	1.7	10592	4	US-09-092-409-51	Sequence 51, Appl
40	39.2	1.7	10592	4	US-09-092-409-52	Sequence 52, Appl
41	39.2	1.7	19124	2	US-08-487-826B-13	Sequence 13, Appl
42	39	1.7	7101	1	US-08-480-604A-9	Sequence 9, Appl
43	38.8	1.7	7101	2	US-08-405-496A-9	Sequence 9, Appl
44	38.8	1.7	2388	4	US-08-868-699A-1	Sequence 1, Appl
45	38.6	1.7	1519	1	US-07-971-759-19	Sequence 19, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14/C
Sequence 14, Application US/08232463
Patent No. 5670367
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESSES:
ADDRESS: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300.
TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: pTZgpt-F15
US-08-232-463-14

SEQUENCE CHARACTERISTICS:
LENGTH: 876 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Peptostreptococcus
STRAIN: 1018
FEATURE:
NAME/KEY: CDS
LOCATION: 1..876
US-08-446-137B-3

Query Match 2.1%; Score 48.2; DB 4; Length 876;
Best Local Similarity 46.7%; Pred. No. 0.011; Indels 3; Gaps 1;
Matches 189; Conservative 0; Mismatches 213;

Qy 1061 atagatcgcagagcccaactttaaagctgcaagtgatatactatg 1120
Db 362 AAAATGCGAATATACAGCAGACTTAGAAGATGCTGGAACACATCACTTAATTTG 421
Qy 1121 atggaacacagattgaaatcccaataaagagatagagccttcaagtagaagcat 1180
Db 422 CTGGAAGAAAGAACCCAGAACCCAGAAAGAACCAAGAGTTACATCAAGTTA 481
Qy 1181 ataagatttgaagaatttagcgctttaaactacacaactatgcaaaatttatatg 1240
Db 482 ACTTAATCTTTGAGATGCAAGAGATACAAACAGCAGATTCATCAAGAGACTTTGAAGAG 541
Qy 1241 caaaaaataaaatggaagttcacaggttgctatgctttaaagcagatctaaatctc 1300
Db 542 CAACA---GCAAAAGCTTATGCTTATGCAAACTTATTAGCAAAAGAAATGGCGAATATA 598
Qy 1301 caccagactctgaagatggtggaacaaatgacccagacttacaacagsgaagtaa 1360
Db 599 CAGCAGACTTAGAAGATGCTGGAACACATCAATTAATTTGCTGCAAAAGAAACAC 658
Qy 1361 aataactatattgtagtgcgacctctttaaatactatgcaaaccaagagataccg 1420
Db 659 CAGAAACACCCAGAGAACCAAAAGAAAGTATCAATCAAGTTACTTATCTTGCAG 718
Qy 1421 atcctgacacttcttaaaacatacaaaaagtaattggaag 1465
Db 719 ATGGAAGAAACACAAACGACGAAATTCAAAGAACATTTGAAGAG 763

RESULT 4
US-08-446-137B-1
Sequence 1, Application US/08446137B
Patent No. 6162903
GENERAL INFORMATION:
APPLICANT: Trowern, Angus R.
APPLICANT: Atkinson, Anthony
APPLICANT: Murphy, Jonathan P.
APPLICANT: Laurence, Oliver S.
APPLICANT: Duggledy, Clive J.
TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEINS DERIVED
TITLE OF INVENTION: FROM L PROTEIN AND THEIR USES
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED AND BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,137B
FILING DATE: 22-MAY-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 100084,406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3279 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Peptostreptococcus asaccharolyticus
STRAIN: 1018
FEATURE:
NAME/KEY: exon
LOCATION: 103..3186
IDENTIFICATION METHOD: experimental
OTHER INFORMATION: /codon_start= 280
OTHER INFORMATION: /product= "mature protein L"
OTHER INFORMATION: /evidence= EXPERIMENTAL
FEATURE:
NAME/KEY: CDS
LOCATION: 103..3186
OTHER INFORMATION: /codon_start= 103
OTHER INFORMATION: /product= "immature protein L"
FEATURE:
NAME/KEY: mat.peptide
LOCATION: 280..3183
OTHER INFORMATION: /codon_start= 280
OTHER INFORMATION: /product= "mature protein L"
FEATURE:
NAME/KEY: misc.signal
LOCATION: 208..279
US-08-446-137B-1

Query Match 2.1%; Score 48.2; DB 4; Length 3279;
Best Local Similarity 46.7%; Pred. No. 0.016;
Matches 189; Conservative 0; Mismatches 213; Indels 3; Gaps 1;

Qy 1061 atagatcgcagagcccaactttaaagctgcaagtgatatactatg 1120
Db 1310 AAAATGCGAATATACAGCAGACTTAGAAGATGCTGGAACACATCACTTAATTTG 1369
Qy 1121 atggaacacagattgaaatcccaataaagagatagtagccttcaagtagaagcat 1180
Db 1370 CTGGAAGAAAGAACCCAGAACCCAGAAAGAACCAAGAGTTACATCAAGTTA 1429
Qy 1181 ataagatttgaagaatttagcgctttaaactacacaactatgcaaaatttatatg 1240
Db 1430 ACTTAATCTTTGAGATGCAAGAGATACAAACAGCAGATTCATCAAGAGACTTTGAAGAG 1489
Qy 1241 caaaaaataaaatggaagttcacaggttgctatgctttaaagcagatctaaatctc 1300
Db 1490 CAACA---GCAAAAGCTTATGCTTATGCAAACTTATTAGCAAAAGAAATGGCGAATATA 1546
Qy 1301 caccagactctgaagatggtggaacaaatgacccagacttacaacagsgaagtaa 1360
Db 1301 caccagactctgaagatggtggaacaaatgacccagacttacaacagsgaagtaa 1360

Db 1547 CAGCAGACTTAGAAGATGGTGGAAACACATCAATTAATTGCTGGAAAGAAACAC 1606
QY 1361 aatacactatattgcaggtcggtgacctttaaataatacttgaaacaaagataccg 1420
Db 1607 CAGAAACACACAGAGAAACCAAAAGAGAGATTACATCAATTAATCTTTGAG 1666
QY 1421 atccctgaccttcttaaacatcaaaaaagtaattgagaag 1465
Db 1667 AAGGAAAAACACAAACGCAATTCNAAGAACATTTAGAGAG 1711

RESULT 5

US-08-973-462-2
Sequence 2, Application US/08973462B
Patent No. 6191270
GENERAL INFORMATION:
APPLICANT: DRUILLHE, PIERRE
APPLICANT: DAUBERSIES, PIERRE
TITLE OF INVENTION: MALARIAL PRE-ERYTHROCYTIC STAGE POLYPEPTIDE MOLECULES
FILE REFERENCE: 0660-0125-0 PCT
CURRENT APPLICATION NUMBER: US/08/973,462B
EARLIER FILING DATE: 1998-02-06
EARLIER APPLICATION NUMBER: PCT/FR96/00894
EARLIER FILING DATE: 1996-06-12
EARLIER APPLICATION NUMBER: FR 95/07007
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 5361
TYPE: DNA
ORGANISM: P. falciparum
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(5361)
US-08-973-462-2

Query Match 2.0%; Score 46.4; DB 4; Length 5361;
Best Local Similarity 40.9%; Pred. No. 0.049;
Matches 435; Conservative 0; Mismatches 626; Indels 3; Gaps 1;

QY 1115 ttattgatgaaacagatgaaatcccaataaagagatgagagccttactcagtag 1174
Db 3749 taatgaagtagaagacagatttaataaagatatgaaataaagaatttagaagaag 3808
QY 1175 aagcatataatgatttgaagaatttagcgctttaactcacaaactatgcaaat 1234
Db 3809 cattatcagaagattcttaagaataatagatgcaaaagatgatacattagaagaag 3868
QY 1235 attatgcataaataaagaatgaaagttcaggtgtctatgctttaaagcagatc 1294
Db 3869 ttgaagaaggaacgtataaagcagcagcttggaagaagttgtagaatttaagaag 3928
QY 1295 atctccacacagacgtgagatggtggaaacaaatgactccagacttaccacagag 1354
Db 3929 aagaagacacagatcgaaagaatcgtatttaagaagctcttgaagaagatatataag 3988
QY 1355 aagtaaatatacctatctgcaggtcgtagccctttaaataactctgaaacaaag 1414
Db 3989 aagtaaaagaatcaaaagacttgaaagtgaattttagaagttataaagaat 4048
QY 1415 ataccgattcctgacacttcttaaacatatacaaaaagtaattggaaggtttacag 1474
Db 4049 ccatgaaacagatattttagaagagaaagaaatagaaaaagatcatttggaaat 4108
QY 1475 aaaaagcaacgatttgatagtggtcttaactagacacacatgctgctgacact 1534
Db 4109 tgaagaaagaaagctgaaagaataaagaatcttgaagacagatatataaagaagct 4168
QY 1535 agttagcaatataattctcactgatagtctgtaatttagaagaataaactaaagact 1594
Db 4169 cattagaagttgaaagaaaaaaattagaagaagttacagaaatttaaaagaaggtag 4228

QY 1595 atcatggtt----tggagacatgaatgtagtactttagcaggttctaanaatcctttag 1651
Db 4229 aacataataaagtggtgctgcacataaaagtttggaaagaatgatttagaagaag 4288
QY 1652 aatacgtcaagatgaatccctccacagctaacctgaccttattcttattccgaata 1711
Db 4289 tagatgatttaagaagtagtatattagacatgttaaaggagatatgagattagggata 4348
QY 1712 acaataataatcaatccttatttgaactcagtgatcccaagaagatttagttgata 1771
Db 4349 tggataaggaagtttagaagatgtaacacaaacttggaaagagttgataccctta 4408
QY 1772 tccgtatggaagataaaagaagttataccctgtaacctataatcaatttagaagaa 1831
Db 4409 aagatgatttacttactagtcattagcagatgatagaagaacaatgaaacaaagaa 4468
QY 1832 cgtgactgtttagctgtgacagactaaagattccatttgaattgaattaaana 1891
Db 4469 ctcaagaccttaagttggaagaagatttataaagaagagtttaagaagaccaaaga 4528
QY 1892 ataataagcaagaattgtcttccaactgtaaaacagataaacaacccgattta 1951
Db 4529 aaaaataacaaagaagaagtaaggttgaatttaaggaagaaaccaaagatgaa 4588
QY 1952 aagatgtgaaagcaaccatttaatttaaacatggygaagtttaacacttcaagttac 2011
Db 4589 tagtagaagttgaatgaagatgaagatagataagaagaatgtagaagaagtatagaag 4648
QY 2012 cagaagttattcttactccttgcacaaagaacagattcgaagcgtataagttaaagta 2071
Db 4649 aagatagagaagaagtaagttgaagatagatagatagaagataagtgagaagtagtg 4708
QY 2072 atagcagaagtagcaaatgtctacagtttcaaaacagagaatacaagttgtgacac 2131
Db 4709 aagacaaagatgaagttatagattatagtcacaaagaagaacagcatgaaagtt 4768
QY 2132 ttgcttggaaataaagaagcctgtgtctcctaagagtt 2175
Db 4769 aagcgaagaagaataaattagaataaagaagttgaagaaggtgtt 4812

RESULT 6
US-08-973-462-1
Sequence 1, Application US/08973462B
Patent No. 6191270
GENERAL INFORMATION:
APPLICANT: DRUILLHE, PIERRE
APPLICANT: DAUBERSIES, PIERRE
TITLE OF INVENTION: MALARIAL PRE-ERYTHROCYTIC STAGE POLYPEPTIDE MOLECULES
FILE REFERENCE: 0660-0125-0 PCT
CURRENT APPLICATION NUMBER: US/08/973,462B
EARLIER FILING DATE: 1998-02-06
EARLIER APPLICATION NUMBER: PCT/FR96/00894
EARLIER FILING DATE: 1996-06-12
EARLIER APPLICATION NUMBER: FR 95/07007
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 6152
TYPE: DNA
ORGANISM: P. falciparum
US-08-973-462-1

Query Match 2.0%; Score 46.4; DB 4; Length 6152;
Best Local Similarity 40.9%; Pred. No. 0.052;
Matches 435; Conservative 0; Mismatches 626; Indels 3; Gaps 1;

QY 1115 ttattgatgaaacagatgaaatcccaataaagagatgagagccttactcagtag 1174
Db 3993 taatgaagtagaagcagatttaataaagatatgaaataaagaatttagaagaag 4052

OY	1175	aagatataatggttttgaaagaaatttaggtttttaaactaaccaaaacatgacaattt	1234
Db	4053	catatcatagaagatcttcaagaataataatagatgcacaagaatgatcatcttgaaagaatt	4112
OY	1235	attatgcacaaataataaaatgtagagttccacaggtttgtctattgtcttaattgcatactaa	1294
Db	4113	ttagaagaggaacatgatatataacgacgacgtttgataagtttgataattaaagttgcg	4172
OY	1295	aattccacacagactctgtaagaatggtggtgaaacaaatgactccagactttacaacagag	1354
Db	4173	aagaagaacagatctgcaaaaagtctgcatctttaaagatcttgaagaagatataataaag	4232
OY	1355	aagtaaaatcaccttcataatgtgcaggtcggtactctttaaataatctgtgaaccaagag	1414
Db	4233	aagtaaaaaagaataccaagaactctgaagaatttttagaagattataagaatataaa	4292
OY	1415	atacgcattccgtcaccttcttctaacaacatacaaaaagtaattgagaaggtttacaggt	1474
Db	4293	ctattgaaacagctatttttagaagagaaaaaagaataagataaaagatcatctttgaaat	4352
OY	1475	aaaaagacacactatgtgataagtggtcttaactgagacaaattggtgcgtactc	1534
Db	4353	tgcgaagaagaagctgtgagaataaagaactcttgaagcaatataatataaagaagatattc	4412
OY	1535	agttgaacatatttatttcaactgatagtgcgtgaattagataagataaactaaagact	1594
Db	4413	cattagaagttgtaagaagaacaaaatttgagaagaataacgaattaaagaagagtag	4472
OY	1595	atcatggtt--tggagaacatgaatgatagtactttagcaattgctlaaaactcttag	1651
Db	4473	aacataataatagtggtgatagtgcacataaaagtttgaagaagatgatttaagaagag	4532
OY	1652	aatacgtcaagttagtaatacccccacagctaacgtgacttgattcttattccgaata	1711
Db	4533	ttagtgcattcaaaaggaaagtataattgaacaatttlaaaggagaatgtgaattgaaggata	4592
OY	1712	acaataataatcaatccttatcttgaagaccagtgatccacaagaatttagtgtata	1771
Db	4593	tgtgtaaggaagtgttagaagaatgatacaacaacaaacttggagaaagattgaatccttaa	4652
OY	1772	tctgatagtagaataaaaaagaagtatactcgttaactcataatttaacatgtgaaaaa	1831
Db	4653	aagatgtttatctatctagtgcatgtagcatgtgataagaaacaaatgaaaaaagaanaag	4712
OY	1832	cggtgactggtttagctggtgtaagaagacctaagaattccattttgaattgaattaaaa	1891
Db	4713	ctcaaaagacctaaagtctggaagaagtattttaaaagaagaaggttlaaagaagaaccaaga	4772
OY	1892	ataataagcagaagattgtcttcccaacagttttaaacaagataaaacaacacctcgattta	1951
Db	4773	aaaaaatacaaaaaaagaagaagttagtttgatatacgaatagaagaacaaagaatgtaa	4832
OY	1952	aagatgttgaagcaaccataatttaacaacatggtgggaagtttaacacttcaagtttac	2011
Db	4833	tagttagagagtctgtaaatgtgaagaatagataagagaagaagatgtagaagaagatataag	4892
OY	2012	cagaaggtttcttctcctgttcaagaagaacagattctgaagcgtatagtttaagta	2071
Db	4893	aagatatagaagaagatlaaaagtttgaagaatagatagaagataatagatgaagatataagtg	4952
OY	2072	atagccagaagaatgatacaaatgtctacagtttccaacaacgaaatacaagttatgagacac	2131
Db	4953	aagatacaagttgagttatagattatatagttccaaaagaagaacagatcttgaanaaggtta	5012
OY	2132	ttagcttttgaaaaataataaagacgtgtgttcttccatacaggaatt	2175
Db	5013	aagcgtaaaaaagaaaaaattagaaaaaaaagtttgaagaaggtgtt	5056

US-09-265-315-68/c
Sequence 68. Application US/09265315
Patent No. 6187541
GENERAL INFORMATION:
APPLICANT: Benton, Bret
APPLICANT: Lee, Ying J.
APPLICANT: Malouin, Francois
APPLICANT: Martin, Patrick R.
APPLICANT: Schmid, Molly B.
APPLICANT: Sun, Dongxu
TITLE OF INVENTION: METHODS OF SCREENING FOR COMPOUNDS
TITLE OF INVENTION: ACTIVE ON STAPHYLOCOCCUS AUREUS
TITLE OF INVENTION: TARGET GENES
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/265,315
FILING DATE: March 9, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/714,918
FILING DATE: September 13, 1996
APPLICATION NUMBER: 60/009,102
FILING DATE: December 22, 1995
APPLICATION NUMBER: 60/003,798
FILING DATE: September 15, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Waiburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 240/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 3308 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-265-315-68

	Query Match	2.0%	Score 44.8:	DB 4:	Length 3308;
	Best Local Similarity	51.0%:	Pred. No. 0.1:		
	Matches 106; Conservative	0;	Mismatches 102;	Indels 0;	Gaps 0;
OY	1710 taacataaatatcaatctcttatgtgaactcagtcgycatccagaagatttgaatgat	1769			
Db	1708 TAAATTAAGATGATGAATCGTAAATTGTATAAATTAATGGATTTAGACCAAAAACATGATAT	1649			
OY	1770 tattcgcttggaagataaaaaagaagtatataccgttaacctataatttaacctgaagaa	1829			
Db	1648 TAAATGAAGCTTAAAGTTATGATGATGAGTAACGCCCATTAATTCAAACOTTCATGTTAAAAACA	1589			
OY	1830 aacgctgcagcttttagctcgtgtgcagaagacaagaattccattcttggaatgaa	1889			
Db	1588 AGGAGGTTTATGATTAATGAAATTCAAATTCGATATTTGTTCTTGCGGAGAAGTACA	1529			
OY	1890 aaataataagcaagaattgcttctcaa	1917			

Db 1528 AAATCAGATATGACTTATGTTCTAA 1501

```

RESULT 9
US-09-265-315-68/c
Sequence 68. Application US/09265315
Patent No. 6187541
GENERAL INFORMATION:
APPLICANT: Benton, Bret
APPLICANT: Lee, Ying J.
APPLICANT: Malouin, Francois
APPLICANT: Martin, Patrick K.
APPLICANT: Schmid, Molly B.
APPLICANT: Sun, Dongxu
TITLE OF INVENTION: METHODS OF SCREENING FOR COMPOUNDS
ACTIVE ON STAPHYLOCOCCUS AUREUS
TITLE OF INVENTION: TARGET GENES
NUMBER OF SPOUNCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
City: Los Angeles
STATE: California
COUNTRY: U S A
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/265,315
FILING DATE: March 9, 1999
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/714,918
FILING DATE: September 13, 1996
APPLICATION NUMBER: 60/009,102
FILING DATE: December 22, 1995
APPLICATION NUMBER: 60/003,798
FILING DATE: September 15, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 240/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 3308 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-265-315-68

```

Query Match	2.0%	Score 44.8	DB 4	Length 3308
Best Local Similarity	51.0%	Pred. NO. 0.1		
Matches 106	Conservative	0	Mismatches 102	Indels 0
			Gaps	0
QY 1710	taacataaatcatcaatcctctatttgagacacagcggcagtcacagaagtttgaattgatat	1769		
Db 1708	TAAAAATCAAGATGTAATCGTAATTGTTTAAATPAAATGGATTGAGCAAAACATAGATAT	1649		
QY 1770	tattcgtatggaagataaaaaagaagattatcacgttaactcaataatttaacatgagaa	1829		
Db 1648	TAAATGAAGTTAAGTATGATGATGGCATGATACGCATTATTTCAAACTTGAATGTTTAAACA	1589		

